NORMALIZED TRANSACTION PROCESSING FOR SEARCH ENGINE

ABSTRACT OF THE DISCLOSURE

An apparatus and method for transaction processing for a search

5   transaction is disclosed. Search queries from users are received by an

intermediate computing device. Each search query includes a user address

and search criteria. The search criteria is normalized by the intermediate

computing device to produce normalized search criteria. The normalized

search criteria is then transmitted from the intermediate computing device to the

10   search engine. The search engine performs a search using the normalized

search criteria. The search engine then generates and sends a response to the

intermediate computing device that includes search results. The intermediate

computing device receives the results, generates responses to each search

query using the receives search results, and sends responses to each user. In

15   another embodiment, a software program is installed on the search engine

computing device. The software program receives search queries from users

and communicates with the search engine program for normalizing data.